

# ATTO ExpressPCI FC 3300



## 2.125-Gigabit Fibre Channel Host Adapter With a Fixed Short-wave Optical LC Connector

The ATTO ExpressPCI FC 3300 host adapter provides support for 2-Gigabit/sec. Fibre Channel and features automatic speed negotiation capability. This allows for complete compatibility with existing 1-Gigabit/sec. Fibre Channel Storage Area Networks (SANs), while allowing seamless upgrades to higher speed 2-Gigabit/sec. SANs.

The ExpressPCI FC 3300 PCI offers a unique combination of hardware and software features that allows users to measure storage performance and easily configure storage.

In addition to our ExpressPCI FC family of products, ATTO recently released a new line of Fibre Channel adapter products, Celerity FC. Designed to provide reliable connectivity, intelligence and scalability, Celerity FC storage adapters meet tomorrow's connectivity needs today. With several 2-Gb and 4-Gb product options, Celerity FC takes storage connectivity to the next level.

## TECHNICAL HIGHLIGHTS

- 2.125-Gigabit Fibre Channel host adapter
- 400 MB/sec. throughput in full-duplex mode
- Fixed Short-wave optical LC connector
- Support for SNIA HBA API
- 64-bit/66 MHz PCI-X interface
- Optimized Fibre Channel and SCSI-3 algorithms
- Advanced data interleave architecture
- Full multiple block buffering

**ATTO**

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# ATTO ExpressPCI FC 3300

## Hardware Specifications

### Fibre Channel Interface:

- 2.125-Gigabit data-transfer rates
- 400 MB/sec. throughput in full-duplex mode
- Auto-negotiation between 2-Gigabit and 1-Gigabit speeds
- Short-Wave Optical LC connector
- Supports all Fibre Channel topologies
  - Point-to-Point
  - Arbitrated Loop
  - Direct Fabric/Switch Attach
- Strict adherence to ANSI FC-AL-2, FC-PLDA FC-Tape, and FC-FLA specifications
- Supports Class 2, Class 3 and Intermix transfers
- Flash ROM for easy field upgrades

### Advanced FC Features:

- Support for SNIA HBA API
- LUN Masking
- Supports Target and Initiator Modes

### Advanced SCSI-FCP Support:

- Large command FIFO
- Asynchronous I/O support
- ASPI and SCSI Manager 4.3 compatible
- SCSI-3 tagged command queuing
- Bootable from attached disks
- Support for multiple block sizes

### Accelerated PCI Bus Management:

- PCI bus master rate of 528 MB/sec.
- PCI 2.2 compliant
- 64-bit/66 MHz PCI-X (backward compatible with 32-bit and 33 MHz PCI)

## Software Specifications

### Driver Support:

- Windows® 2000
- Windows XP
- Windows Server 2003
- Solaris (x86 and SPARC)
- Mac® OS X
- Mac OS 9

### Advanced Data Streaming (ADS™):

- Improved PCI system bandwidth use
- Optimized FC and SCSI-3 algorithms
- Tagged command queuing
- RISC processor for high performance

RAID kits available

## Environmental & Physical Characteristics

### Dimensions:

- Full Form Factor: 4.200" x 6.521"

### Operating Environment:

- Temperature: 0-50° C
- Humidity: 10-90% non-condensing
- Airflow: 100 LFM (min.)

### Power:

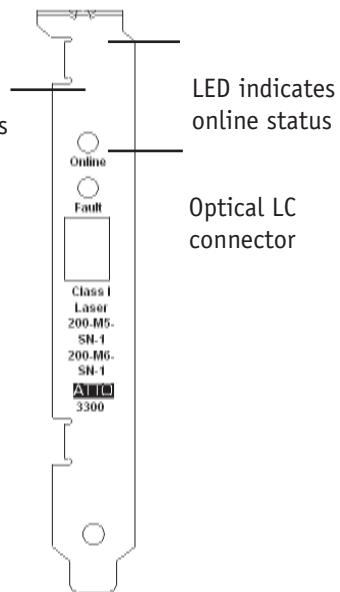
- 1 Amp @ 5 Volts

### PCI Signal Compatibility:

- 3.3 Volts/5 Volts universal

### Configuration:

- Easy to install connection plate with LED to monitor on-line and fault status



## Fibre Channel Host Adapter Selection Chart

F i b r e C h a n n e l